

# **GRC Access Control Interface for Identity Management (GRC-AC-IDM) Certification Test Plan**



**SAP NetWeaver 2004s- SAP GRC AC 5.3**

---

## Copyright

©Copyright 2007 SAP AG. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice. Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors.

Microsoft, Windows, Excel, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation. IBM, DB2, DB2 Universal Database, OS/2, Parallel Sysplex, MVS/ESA, AIX, S/390, AS/400, OS/390, OS/400, iSeries, pSeries, xSeries, zSeries, System i, System i5, System p, System p5, System x, System z, System z9, z/OS, AFP, Intelligent Miner, WebSphere, Netfinity, Tivoli, Informix, i5/OS, POWER, POWER5, POWER5+, OpenPower and PowerPC are trademarks or registered trademarks of IBM Corporation.

Adobe, the Adobe logo, Acrobat, PostScript, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Oracle is a registered trademark of Oracle Corporation.

UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.

Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.

HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C<sup>®</sup>, World Wide Web Consortium, Massachusetts Institute of Technology.

Java is a registered trademark of Sun Microsystems, Inc.

JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.

MaxDB is a trademark of MySQL AB, Sweden.

SAP, R/3, mySAP, mySAP.com, xApps, xApp, SAP NetWeaver, Duet, PartnerEdge, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world. All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

The information in this document is proprietary to SAP. No part of this document may be reproduced, copied, or transmitted in any form or for any purpose without the express prior written permission of SAP AG. This document is a preliminary version and not subject to your license agreement or any other agreement with SAP. This document contains only intended strategies, developments, and functionalities of the SAP<sup>®</sup> product and is not intended to be binding upon SAP to any particular course of business, product strategy, and/or development. Please note that this document is subject to change and may be changed by SAP at any time without notice.

SAP assumes no responsibility for errors or omissions in this document. SAP does not warrant the accuracy or completeness of the information, text, graphics, links, or other items contained within this material. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or non-infringement.

SAP shall have no liability for damages of any kind including without limitation direct, special, indirect, or consequential damages that may result from the use of these materials. This limitation shall not apply in cases of intent or gross negligence.

The statutory liability for personal injury and defective products is not affected. SAP has no control over the information that you may access through the use of hot links contained in these materials and does not endorse your use of third-party Web pages nor provide any warranty whatsoever relating to third-party Web pages.

---

## Contents

<b>1. INTRODUCTION</b> .....	<b>4</b>
<b>2. CERTIFICATION REQUIREMENTS</b> .....	<b>5</b>
<b>3. TEST PLAN</b> .....	<b>6</b>
3.1 CONSUMPTION SAP GRC WEB SERVICES .....	6
3.1.1 Request Submission to GRC [Mandatory] .....	6
3.1.2 Risk Analysis [Mandatory] .....	6
3.1.3 Audit Logs (from GRC) [Mandatory] .....	6
3.1.4 Select Applications (within IdM) [Optional].....	6
3.1.5 Search Roles [Optional] .....	6
3.1.6 Request Status [Optional].....	7
3.2 PROVISIONING WEB SERVICES PROVIDED BY SAP GRC.....	7
3.2.1 Request Submission to IdM [Mandatory] .....	7
3.2.2 Audit Logs (from IdM) [Mandatory] .....	7
3.2.3 Request Status (from IdM) [Optional].....	7
3.3 BUSINESS PROCESSES FLOW .....	8
3.4 TEST CASES .....	8
<b>4. SAP SOLUTION MANAGER READY AND PPMS DATA COLLECTION</b> .....	<b>9</b>

# 1. Introduction

## Purpose of this document

This document describes the certification procedure for SAP GRC Access Control Interface for Identity Management (GRC-AC-IDM). You should read the GRC-AC-IDM Integration Guide document that explains in details the web services with some sample use cases included.

## Related Documents

- GRC-AC-IDM Integration Guide
- Technical Product Profile

## Prerequisites for Certification

- Access to SAP AC 5.3 or higher and SAP ECC 6.0 or higher
- Fill out GRC-AC-IDM Technical Product Profile document

## 2. Certification Requirements

SAP offers a certification service for third-party software vendors that develop interfaces for integrating third-party identity management application into SAP Governance, Risk, and Compliance (SAP GRC) solution.

SAP GRC provides 9 web services for Identity Management (IdM) vendors to integrate into SAP GRC AC 5.3.

The following requirements must be met by the IDM vendors connected to the SAP GRC AC 5.3 using web services on the basis of SOAP:

- The external IdM system must consume the mandatory web services
- The IdM vendor must implement the mandatory provisioning web services provided by SAP GRC
- The IdM vendor must provide business processes flow that covers the mandatory web services
- The IdM vendor must derive their test scenarios based on their business processes flow
- The IdM vendor must successfully meet SAP Solution Manager Ready criteria

The requirements are explained further in details in the test plan section of this document.

### Preparations

Third party vendors should connect to GRC system to develop the interface. The system must be SAP AC, version 5.3 or higher.

Please fill out the Technical Product Profile for the GRC interface certification which will be provided by the SAP ICC consultant. Be prepared to define two different other use cases that the ISV will want to demonstrate the usage of the GRC web services in your company's business terms.

## 3. Test Plan

### 3.1 Consumption SAP GRC Web Services

The following list contains 6 web services including mandatory and optional that the external IdM system can consume.

#### 3.1.1 Request Submission to GRC [Mandatory]

##### Description

IdM vendor can use the inbound operation Request Submission to submit a request to SAP GRC.

#### 3.1.2 Risk Analysis [Mandatory]

##### Description

IdM vendor can use the inbound operation Risk Analysis to perform Segregation Order (SoD) analysis for possible violations

#### 3.1.3 Audit Logs (from GRC) [Mandatory]

##### Description

IDM vendor can use the inbound operation Audit Logs to retrieve the audit logs from SAP GRC.

#### 3.1.4 Select Applications (within IdM) [Optional]

##### Description

IdM vendor can use the inbound operation Select Applications to retrieve a list of applications configured within SAP GRC.

#### 3.1.5 Search Roles [Optional]

##### Description

The inbound operation supplies the IdM vendor with a list of allowed roles.

### **3.1.6 Request Status [Optional]**

#### **Description**

IdM vendor can use the inbound operation Request Status to check the status of a selected request along with its details.

## **3.2 Provisioning Web Services provided by SAP GRC**

The following list contains 3 web services including mandatory and optional that the IdM vendors can implement

### **3.2.1 Request Submission to IdM [Mandatory]**

#### **Description**

SAP GRC can use the outbound operation Request Submission to IdM to submit a request to IdM for non-ERP systems.

### **3.2.2 Audit Logs (from IdM) [Mandatory]**

#### **Description**

SAP GRC can use the outbound operation Audit Logs from IdM to retrieve audit logs from IdM system for non-ERP systems.

### **3.2.3 Request Status (from IdM) [Optional]**

#### **Description**

SAP GRC can use the outbound operation Request Status from IdM to check the status of a selected request along with its details.

### 3.3 Business Processes Flow

The IdM vendor is required to describe supported functions and specific business processes flow in the Technical Product Profile document. It must include the web services name used in the integration during the process.

### 3.4 Test Cases

The IdM vendor is required to fill out the Technical Profile document including the test scenario proposed by the partner, as a deliverable for the certification. The partner should define the test cases based on the business processes flow in section 3.3.



## 4. SAP Solution Manager Ready and PPMS Data Collection

SAP Solution Manager is a platform that provides the integrated content, tools, and methodologies that customers use to implement, support, operate and monitor an enterprise's SAP and non-SAP solutions. SAP Solution Manager Ready is an additional test required for all integration certification. Meeting additional test criteria to also register a non-SAP solution on the Customer System Landscape Directory (SLD) that is synchronized with SAP Solution Manager ensures that joint customers can quickly get a root-cause analysis from SAP to enhance overall supportability.

The main requirements for this Solution Manager Ready additional test are:

- register the sldreg (SLD registration form) of your products to the SLD
- deliver the log/trace file and the configurations files in a human readable format

Please download the documentations at

<https://www.sdn.sap.com/irj/sdn/icc?rid=/webcontent/uuid/50545502-22ef-2910-3f90-f3983720d0a1> --> click on Documentation Solution Manager Ready to download the Update.zip file.